

(12)特許協力条約に基づいて公開された国際出願

(19)世界知的所有権機関
国際事務局



(43)国際公開日
2001年1月4日 (04.01.2001)

PCT

(10)国際公開番号
WO 01/01655 A1

(51)国際特許分類:
H04L 29/06,
H04B 7/26, H04L 12/56, 12/28

(21)国際出願番号:
PCT/JP00/04110

(22)国際出願日:
2000年6月22日 (22.06.2000)

(25)国際出願の言語:
日本語

(26)国際公開の言語:
日本語

(30)優先権データ:
特願平11/183610 1999年6月29日 (29.06.1999) JP
特願平11/323446 1999年11月12日 (12.11.1999) JP

(71)出願人(米国を除く全ての指定国について): ソニー株式会社 (SONY CORPORATION) [JP/JP]; 〒141-0001 東京都品川区北品川6丁目7番35号 Tokyo (JP).

(75)発明者: および
発明者: 田嶋六一

(FUKUDA, Kunio) [JP/JP]. 川嶋 功 (KAWASHIMA, Isao) [JP/JP]. 宇喜多義敬 (UKITA, Yoshitaka) [JP/JP]; 〒141-0001 東京都品川区北品川6丁目7番35号 ソニー株式会社内 Tokyo (JP).

(74)代理人: 小池 晃, 外 (KOIKE, Akira et al.); 〒105-0001 東京都港区虎ノ門二丁目6番4号 第11森ビル Tokyo (JP).

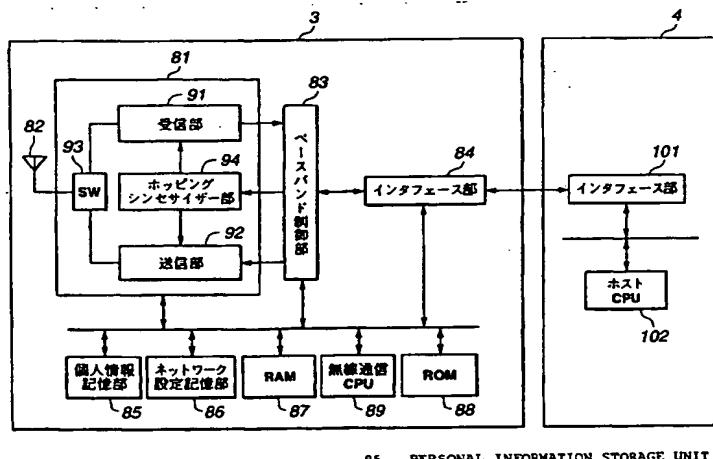
(81)指定国(国内): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84)指定国(広域): ARIPO 特許 (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), ユーラシア特許 (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), ヨーロッパ特許 (AT, BE, CH, CY, DE, DK, ES, FR, GR, IE, IT, NL, PT, SE, SI, SP, UK), WIPO 特許 (AF, AR, CL, CR, DO, GT, HN, ME, PR, SV, TT, VE, ZA).

[統葉有]

(54)Title: COMMUNICATION DEVICE AND COMMUNICATION METHOD, AND COMMUNICATION TERMINAL

(54)発明の名称: 通信装置及び通信方法、通信端末装置



91...RECEIVING UNIT	85...PERSONAL INFORMATION STORAGE UNIT
94...HOPPING SYNTHESIZER UNIT	86...NETWORK SETTING STORAGE UNIT
92...TRANSMITTING UNIT	89...RADIO COMMUNICATION CPU
83...BASEBAND CONTROL UNIT	101...INTERFACE UNIT
84...INTERFACE UNIT	102...HOST CPU

(57)Abstract: A radio communication CPU (89) controls equipment by using network setting information in a network setting storage unit (86) of a radio communication device (3) included in a short-distance radio communication network so as to set up the connection relation with a communication network (for example, the Internet) and to control the transmission/reception of data between devices included in the communication network through the short-distance radio communication network. Thus, the network setting for connection to, e.g., the Internet for each portable device being present in the short-distance radio communication network is simplified.

[統葉有]

WO 01/01655 A1

ABSTRACT

As a radio communication CPU 89 | controls each section by using network setting information in a network setting storage section 86 of a radio communication device 3 included in a short distance radio communication network, a connection relation with a communication network (for example, the Internet) is set and transmission/reception of data to/from an equipment included in the communication network via the short distance radio communication network is controlled. Thus, the network setting or the like for connecting to the Internet or the like is simplified for each portable equipment existing in the short distance radio communication network.